

# BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT

## List PWS ID #s for all Water Systems Covered by this CCR The Federal Safe Drinking Water Act requires each *community* public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Please Answer the Following Questions Regarding the Consumer Confidence Report Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other) X X Advertisement in local paper On water bills Date customers were informed: //a/1/2009 CCR was distributed by mail or other direct delivery. Specify other direct delivery methods: Date Mailed/Distributed: / / CCR was published in local newspaper. (Attach copy of published CCR or proof of publication) CCR was posted in public places. (Attach list of locations) Housing Oblice of Was Water Plant Date Posted 2//12/119 CCR was posted on a publicly accessible internet site at the address: www. **CERTIFICATION** I hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply. Name/Title (President, Mayor, Owner, etc.) Public Works Officer)

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

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## Annual Drinking Water Quality Report

Naval Air Station Meridian, Ms.

#### MSDH PWS ID # 0380026

## June 01, 2009

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is *from the Wilcox Aquifer* 

Our source water assessment has been conducted and is available at this time, and copies of this assessment are available at our office. If you have any questions about this report or concerning your water utility, please contact Mr. Robert Whitlock at 601-679-2151 0700-1600 Monday thru Friday. We want our valued customers to be informed about their water utility. If you want to learn more, please call to schedule a meeting at the NAS Meridian Water Plant.

Mississippi State Department of Health and the Certified Operators of NAS Meridian routinely monitor for 86 constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2008. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Non-Detects (ND) — laboratory analysis indicates that the constituent is not present.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

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Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

Millirems per year (mrem/yr) - measure of radiation absorbed by the body.

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the feasible using the best available treatment technology.

Maximum Contaminant Level Goal - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known expected risk to health. MCLG's allow for a program of safety.

				TEST R	RESULTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Microbiological Co	ntaminants							
1. Total Coliform Bacteria	N	7/2007	N/A	1	PA	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
Radioactive Contan	ninants							
5. Alpha emitters	N	11/01	1.0	0	PCi/1	₹ 0	15	Erosion of natural deposits

Inorganic Contamir	nants							
10. Barium	N	2/27/2006	0.37838	0	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2/27/2006	.0005	0	Ppm	100	.1	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	08/2007	.1	0	Mg/l	1.3	AL=1.3 mg/l	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	08/2007	0.002	0	Mg/l	0	AL=.015 mg/l	Corrosion of household plumbing systems, erosion of natural deposits

Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Navel Air Station Meridian Water Department is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <a href="http://www.epa.giv/safewater/lead">http://www.epa.giv/safewater/lead</a>. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601-576-7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the

risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Please call our office if you have questions. Public Works Officer (601) 679-2940 or Robert Whitlock, Maintenance Supervisor (601) 679-2151. We ask

that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007-December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice.

Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601-576-7518.

Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems to use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by Stage 1 Disinfection By-Products Rule. The Navel Air Station Meridian Water System has maintained a 1.3 running annual average chlorine residual for a time period of 1 January 2008 – 31 December 2008.

Sincerely,

William P. Cook, Jr.

Deputy Public Works Officer

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Microbiological Co	ntaminants	THE REAL PROPERTY.			Media Napata	Carriera es	***************************************	1
1. Total Coliform Bacteria	N	7/2007	N/A	<b>.</b>	PA	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
Radioactive Contar	minants	l	1				1	L
5. Alpha emitters	N	11/01	1.0	0	PCi/1	1 0	15	Erosion of natural deposits
	180	ST. VASSIVEY LA				Lucia de la composición dela composición de la composición de la composición dela composición dela composición dela composición de la composición de la composición dela composición de la composición dela		TYCOHNI IN HEIM IN INCHOSUS

10. Barium	N	2/27/2006	0.37838		Ppm	2		Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2/27/2006	.0005	0	Ppo	100		Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	08/2007		•	Mg/	13	AL-13 mg/1	Corrosion of household phusbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	08/2007	0,002	ď	Mg/l		AL#-015 mg/l	Corrosion of household plumbing systems, erosion of natural deposits

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Disinfectant By-pt	oduct							
Chlorine	N	1 Jan. 2008-31- Dec. 2008	1,5	.8 – 1,5	PPM	NONE	4,0	Water additive used to control microbes
Microbiological C	ontaminants							
I . Total Coliform Bacteria	И	7/2007	N/A	ī	PA	0	Presence of colliform bacteria in 5% of morthly samples	Naturally present in the environment
Radioactive Conta	minants							
5. Alpha cmitters	N	11/01	1.0	0	PCi/I	0	15	Erosion of natural deposits
Inorganic Contam	inants			1111 341111111,				
10, Bernm	N	2/27/2006	0,37838	0	Ppm	2.	7.	Discharge of drilling wastes; discharge from metal refinedes; erosion of natural deposits
13. Chromium	Ň	2/27/2006	.0005	Ó	Pprei	100	.1	Discharge from steel and pulp mills; erosion of natural deposits
14. Соррет	N	08/2007	,1	0	Mg/I	1.3	AL=1,3 mg/i	Corrosion of household plumbing systems; erosion of natural deposits; lesshing fron wood meservatives
17. Load	N	08/2007	0.002	0	Ма∕І	0	AL=4.015 mg/l	Corrosion of household plumbing systems, crosion of natural deposits

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Sincerely,

William P. Cook, Jr. Deputy Public Works Officer

# **2008 CCR Contact Information**

Date: 6/8/09	Time: 10125
PWSID: 380026	
System Name: Navel au	Station
Lead/Copper Language	MSDH Message re: Radiological Lab
MRDL Violation	Chlorine Residual (MRDL) RAA
Other Violation(s)	
Will correct report & mail copy marked "corre	ected copy" to MSDH.
Will notify customers of availability of correct  Alt. Whithout will contact to do the Corrected Copy by July 1, 2009.	Mis Brother the operator
Spoke with	ublic Works Department 601 679-2929  Brother of the Operator  K. Whitimk



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## Walters, Karen

From: Cheri Mueller [CMueller@bbcgrp.com]

**Sent:** Monday, June 22, 2009 12:10 PM

To: Walters, Karen

Cc: Penny Haldeman

Subject: Water Quality Report

Attached is a revised water quality report dated June 1, 2009. It is also available in the Community Office during regular business hours. Please feel free to stop by at anytime to pick up the information.

## Cheri Mueller

Resident Specialist/LifeWorks Coordinator

**Balfour Beatty Communities** 

NAS Meridian | 716 Gill St. | Meridian, MS. | 39305

P: 601-679-7669 | F: 601-679-7666

Emailed to all residents.

6-22-2009

[CW]